PRODUCT CASE STUDY · M V SAI RAVI KIRAN · PRODUCT OWNER

ExploreChemistra

Making difficult chemistry concepts easier to explore and practise.

Role	Category	Live on	Status
Product Owner	Education	Web, Android, Windows	Live

Overview

A consumer learning product that translates difficult chemistry topics into visual exploration and practice for high-school and early-college students.

Target users

Students and exam aspirants who need focused, low-friction practice they can return to daily.

My role

Owned learner-problem discovery, curriculum mapping, learning UX, feature scope, launch preparation, and closed-testing feedback loops.

The user problem

Chemistry is often taught through static textbooks, leaving students struggling to visualise reactions, bonds, and equations.

Key product decisions

I shaped an experience around visual concept cards, guided exploration, and quizzes so learners can move from understanding to active recall in one flow.

1	Chapter-wise concept cards
2	Interactive quizzes with explanations
3	Progress dashboard
4	Exam-focused problem sets

Trade-off

Prioritised depth of practice over social and gamified extras so the core learning loop stayed fast.

Verified outcomes

Live on the web and in the Microsoft Store, with Google Play in closed testing and feedback informing ongoing improvements.

Metric	Status
Active users	Not yet provided
Downloads / installs	Not yet provided
Store rating	Not yet provided
Retention	Not yet provided

Only figures backed by a source are reported. No metrics are estimated.

Signals I track next

- Practice sessions completed per learner
- Return visits within an exam cycle
- Drop-off point inside a test

Evidence and links

Live website: https://explorechemistra.com
Microsoft Store: https://apps.microsoft.com/detail/9mws4fzjdmpl?cid=DevShareMCLPCS&hl;=en-US≷=IN

Full case study: https://mvsairavikiran.com/projects/explorechemistra · mvsairavikiran23@gmail.com · linkedin.com/in/mvsairavikiran